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Dated: January 12, 2007

Signature:

*Andrea Silverman*  
(Andrea Silverman)

Docket No.: CSHL-P01-011  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hannon et al.

Confirmation No.: 1038

Art Unit: 1635

Examiner: Not Yet Assigned

Application No.: 10/524,690

Filed: February 15, 2005

January 12, 2007

For: CELL-BASED RNA INTERFERENCE AND  
RELATED METHODS AND  
COMPOSITIONS

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed PTO/SB/08 attached hereto as Exhibit A. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

PCT/US03/30901 is the international application which corresponds to the subject application. An International Search Report was issued May 12, 2004 in connection with this PCT application. A copy of the Search Report is attached as Exhibit B. Each of the references cited in the Search Report is listed on the attached PTO/SB/08 form.

Applicant submits herewith copies of non-patent literature in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. CSHL-P01-011.

Dated: January 12, 2007

Respectfully submitted,

By  \_\_\_\_\_

Spencer H. Schneider

Registration No.: 45,923

FISH & NEAVE IP GROUP, ROPES & GRAY LLP

1251 Avenue of the Americas

New York, New York 10020-1104

(212) 596-9000

(212) 596-9090

Attorneys/Agents For Applicant



PTO/SB/08a/b (07-06)

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/524,690
				Filing Date	February 15, 2005
				First Named Inventor	Gregory J. Hannon
				Art Unit	1635
				Examiner Name	Not Yet Assigned
Sheet	1	of		Attorney Docket Number	CSHL-P01-011

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	BASS, 2001, RNA interference. The short answer, Nature 411:428-429	
	CB	BAULCOMBE, Gene silencing: RNA makes RNA makes no protein, 1999, Curr. Biol. 9:R599-R601	
	CC	FIRE et al., 1998, Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> , Nature 391:806-811	
	CD	FIRE, 1999, RNA-triggered gene silencing, Trends Genet. 15:358-363	
	CE	HANNON, 2002, RNA interference, Nature 418:244-251	
	CF	HUNTER, 1999, Genetics: a touch of elegance with RNAi, Curr. Biol. 9:R440-R442	
	CG	LEE et al., 2002, Expression of small interfering RNAs targeted against HIV-1 rev transcripts in human cells, Nat. Biotech. 20:500-505	
	CH	LEWIS et al., 2002, Efficient delivery of siRNA for inhibition of gene expression in postnatal mice, Nat. Genet. 32:107-108	
	CI	MONTGOMERY et al., 1998, RNA as a target of double-stranded RNA-mediated genetic interference in <i>Caenorhabditis elegans</i> , PNAS, 95:15502-15507	
	CJ	PADDISON et al., 2002, RNA interference: the new somatic cell genetics? Cancer Cell 2:17-23	
	CK	PADDISON et al., 2002, Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells, Genes Dev. 16(8):948-958	
	CL	SHARP, 1999, RNAi and double-strand RNA, Genes Dev. 13:139-141	
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	CN	VAUCHERET et al., 1998, Transgene-induced gene silencing in plants, Plant J. 16:651-659	
	CO	WIANNY et al., 2000, Specific interference with gene function by double-stranded RNA in early mouse development, Nat. Cell. Biol. 2:70-75	

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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